

Rack Mount Single Channel EDFA

Features

- High gain & optical output power
- Low noise figure & power consumption
- Constant gain, power and current control modes

Applications

- SONET/SDH networks



Main Specifications

Parameter	Max	Min	Specification			Unit
Operating Wavelength			1530 ~ 1565			nm
Amplifier Type			Pre-amp	Inline	Booster	
Input Power			-40 ~ -18	-25 ~ -5	-10 ~ +5	dBm
Output Power			-16 ~ -12	+10 ~ +18	+10 ~ +18	dBm
Small Signal Gain			25 ~ 35	Typ 23	N/A	dB
Noise Figure (Typical)			4.5	5.5	5.5	dB
Forward ASE Power	√		-30			dBm
Reverse ASE Power	√		-20			dBm
Pump Leakage at Input	√		-60			dBm
Pump Leakage at Output	√		-30			dBm
PDG	√		0.3			dB
Input/Output Return Loss		√	40			dB
Power Consumption	√		20			W
Power Supply Voltage			-70 ~ -38 (Typ -48)			V
Operating Temperature			-5 ~ +55			°C
Storage Temperature			-25 ~ +75			°C
Relative Humidity (non-condensation)			5 ~ 95			%
Size			19" rack mount			

Order Information

- The above specifications represent the typical performance of an O-Net EDFA of this category.
- Please contact our Sales to discuss your specific requirements.